

Listing of Claims:

1. (Currently amended). A method for RF grounding a glass-mounted antenna to a metal frame of a vehicle, said method comprising the steps of:
providing an RF grounding path on a piece of glass from an antenna mounting location on said piece of glass to an edge of said piece of glass;
installing said piece of glass on a metal frame of a vehicle using an adhesive between said edge and said metal frame, said RF grounding path and said metal frame being electrically coupled through said adhesive; and
electrically coupling said antenna to said RF grounding path via a conductive gasket.
2. (Canceled).
3. (Previously presented). A method as set forth in claim 1, wherein said adhesive is a carbon-loaded urethane.
4. (Original). A method as set forth in claim 3, wherein said adhesive is Essex U-400HV.
5. (Currently amended). A method as set forth in claim 1, wherein said step of electrically coupling said antenna to said RF grounding path comprises ~~further comprising the step of:~~
mounting said antenna to said piece of glass at said antenna mounting location prior to installing said piece of glass on said metal frame.
6. (Previously presented). A method as set forth in claim 1, wherein said piece of glass comprises a front windshield.
7. (Canceled).
8. (Previously presented). A method as set forth in claim 1, wherein said RF grounding path comprises a conductive epoxy fret applied to said glass.
9. (Original). A method as set forth in claim 8, wherein said conductive epoxy is silver loaded.

10. (Canceled).
11. (Canceled).
12. (Original). A method as set forth in claim 1, wherein said antenna comprises at least a GPS patch antenna.
13. (Currently amended). A system for RF grounding a glass-mounted antenna unit to a metal frame of a vehicle, said system comprising:
a piece of glass having an antenna mounting location and an edge;
an RF grounding path on said piece of glass, said RF grounding path extending between said antenna mounting location and said edge such that, when said piece of glass is installed on a metal frame of a vehicle with adhesive between said edge and said metal frame, said RF grounding path and said metal frame are electrically coupled across said adhesive.
an antenna unit having at least one antenna within a casing, said casing having a contact area electrically coupled to said at least one antenna, said contact area being electrically coupled to said RF grounding path at said antenna mounting location on said piece of glass via a conductive gasket.
14. (Previously presented). A system as set forth in claim 13, wherein said electrical coupling between said RF grounding path and said metal frame is achieved via capacitive coupling.
15. (Original). A system as set forth in claim 13, wherein said glass comprises a front windshield of a vehicle.
16. (Currently amended) A system as set forth in claim ~~13~~ 23, wherein said conductive gasket comprises a conductively loaded silicon.
17. (Original). A system as set forth in claim 13, wherein said at least one antenna comprises a patch antenna.
18. (Previously presented). A system as set forth in claim 13, wherein said RF grounding path residing on said piece of glass comprises silver loaded epoxy.
19. (Currently amended). A system as set forth in claim ~~13~~ 24, wherein said adhesive comprises a carbon loaded urethane.

20. (Previously presented). A system as set forth in claim 19, wherein said adhesive comprises Essex U-400HV.

21. (Previously presented) A method as set forth in claim 1, wherein said step of electrically coupling said antenna to said RF grounding path comprises further comprising:
mounting said ~~an~~ antenna to said piece of glass at said antenna mounting location after said piece of glass is installed on said vehicle.

22. (canceled).

23. (canceled).

24. (canceled).